

Eric J Murphy

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

1,605
citations

20
h-index

40
g-index

55
ext. papers

1,753
ext. citations

3.2
avg, IF

4.67
L-index

#	Paper	IF	Citations
34	Alpha-linolenic acid and its conversion to longer chain n-3 fatty acids: benefits for human health and a role in maintaining tissue n-3 fatty acid levels. <i>Progress in Lipid Research</i> , 2009 , 48, 355-74	14.3	373
33	Intestinal and liver fatty acid binding proteins differentially affect fatty acid uptake and esterification in L-cells. <i>Lipids</i> , 1995 , 30, 907-10	1.6	116
32	Liver fatty acid-binding protein expression in transfected fibroblasts stimulates fatty acid uptake and metabolism. <i>Lipids and Lipid Metabolism</i> , 1996 , 1301, 191-8		116
31	Alpha-synuclein gene deletion decreases brain palmitate uptake and alters the palmitate metabolism in the absence of alpha-synuclein palmitate binding. <i>Biochemistry</i> , 2005 , 44, 8251-9	3.2	76
30	Brain arachidonic acid incorporation is decreased in heart fatty acid binding protein gene-ablated mice. <i>Biochemistry</i> , 2005 , 44, 6350-60	3.2	70
29	Acyl-CoA synthetase activity links wild-type but not mutant alpha-synuclein to brain arachidonate metabolism. <i>Biochemistry</i> , 2006 , 45, 6956-66	3.2	65
28	Acidic hydrolysis of plasmalogens followed by high-performance liquid chromatography. <i>Lipids</i> , 1993 , 28, 565-8	1.6	64
27	Alpha-synuclein gene ablation increases docosahexaenoic acid incorporation and turnover in brain phospholipids. <i>Journal of Neurochemistry</i> , 2007 , 101, 201-11	6	63
26	Dietary alpha-linolenic acid increases brain but not heart and liver docosahexaenoic acid levels. <i>Lipids</i> , 2005 , 40, 787-98	1.6	52
25	Rapid synthesis and turnover of brain microsomal ether phospholipids in the adult rat. <i>Journal of Lipid Research</i> , 2002 , 43, 59-68	6.3	51
24	Uptake and metabolism of plasma-derived erucic acid by rat brain. <i>Journal of Lipid Research</i> , 2006 , 47, 1289-97	6.3	46
23	Heart fatty acid uptake is decreased in heart fatty acid-binding protein gene-ablated mice. <i>Journal of Biological Chemistry</i> , 2004 , 279, 34481-8	5.4	46
22	Extracellular calcium is a mediator of astroglial injury during combined glucose-oxygen deprivation. <i>Brain Research</i> , 1992 , 593, 45-50	3.7	45
21	Lipid alterations following impact spinal cord injury in the rat. <i>Molecular and Chemical Neuropathology</i> , 1994 , 23, 13-26		41
20	Separation of neutral lipids by high-performance liquid chromatography: quantification by ultraviolet, light scattering and fluorescence detection. <i>Biomedical Applications</i> , 1996 , 685, 9-14		37
19	Phospholipid composition of cultured human endothelial cells. <i>Lipids</i> , 1992 , 27, 150-3	1.6	37
18	Brain fixation for analysis of brain lipid-mediators of signal transduction and brain eicosanoids requires head-focused microwave irradiation: an historical perspective. <i>Prostaglandins and Other Lipid Mediators</i> , 2010 , 91, 63-7	3.7	35

17	Liver and intestinal fatty acid-binding protein expression increases phospholipid content and alters phospholipid fatty acid composition in L-cell fibroblasts. <i>Lipids</i> , 2000 , 35, 729-38	1.6	32
16	Fatty Acid Binding Protein-1 (FABP1) and the Human FABP1 T94A Variant: Roles in the Endocannabinoid System and Dyslipidemias. <i>Lipids</i> , 2016 , 51, 655-76	1.6	29
15	FABP-1 gene ablation impacts brain endocannabinoid system in male mice. <i>Journal of Neurochemistry</i> , 2016 , 138, 407-22	6	26
14	Intravenously injected [1-14C]arachidonic acid targets phospholipids, and [1-14C]palmitic acid targets neutral lipids in hearts of awake rats. <i>Lipids</i> , 2000 , 35, 891-8	1.6	20
13	Fabp1 gene ablation inhibits high-fat diet-induced increase in brain endocannabinoids. <i>Journal of Neurochemistry</i> , 2017 , 140, 294-306	6	19
12	Female Mice are Resistant to Fabp1 Gene Ablation-Induced Alterations in Brain Endocannabinoid Levels. <i>Lipids</i> , 2016 , 51, 1007-20	1.6	17
11	Erucic acid is differentially taken up and metabolized in rat liver and heart. <i>Lipids</i> , 2008 , 43, 391-400	1.6	15
10	Sterol carrier protein-2:Not just for cholesterol any more. <i>Molecular and Cellular Biochemistry</i> , 2002 , 239, 87-93	4.2	15
9	Composition of the phospholipids and their fatty acids in the ROC-1 oligodendroglial cell line. <i>Lipids</i> , 1993 , 28, 67-71	1.6	13
8	Prenatal ethanol exposure increases brain cholesterol content in adult rats. <i>Lipids</i> , 2013 , 48, 1059-68	1.6	8
7	Fatty acid uptake in diabetic rat adipocytes. <i>Molecular and Cellular Biochemistry</i> , 1997 , 167, 51-60	4.2	8
6	Fatty acid double bond orientation alters interaction with L-cell fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 1996 , 155, 113-9	4.2	7
5	Sterol carrier protein-2: not just for cholesterol any more. <i>Molecular and Cellular Biochemistry</i> , 2002 , 239, 87-93	4.2	7
4	Phospholipid mass is increased in fibroblasts bearing the Swedish amyloid precursor mutation. <i>Brain Research Bulletin</i> , 2006 , 69, 79-85	3.9	4
3	Sterol Carrier Protein-2/Sterol Carrier Protein-x/Fatty Acid Binding Protein-1 Ablation Impacts Response of Brain Endocannabinoid to High-Fat Diet. <i>Lipids</i> , 2019 , 54, 583-601	1.6	3
2	Scp-2/Scp-x ablation in Fabp1 null mice differentially impacts hepatic endocannabinoid level depending on dietary fat. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 650, 93-102	4.1	3
1	Role of FABP in Cellular Phospholipid Metabolism327-342		